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Nota di contenuto	The quenching problem for nonlinear parabolic differential equations -- On the calculus of variations and sequentially weakly continuous maps -- Bivariational bounds on φ for non-linear problems $F=0$ -- The spectral analysis of a stone regular differential operator -- Bifurcation diagrams -- Walsh's theorem for the heat equation -- A new statement of Wazewski's theorem and an example -- On the absence of square-integrable solutions of the Sturm-Liouville equation -- On limit-point and Dirichlet-type results for second-order differential expressions -- Spectral theory of the Wirtinger inequality -- Nonlinear evolution operators and delay equations -- A singular functional differential equation arising in an immunological model -- On linear partial integro differential equations with a small parameter -- Smoothness of the solution of a monotonic boundary value problem for a second order elliptic equation in a general convex domain -- On the method of strained coordinates -- Nonlinear diffusion equations in biology -- Discrete dissipative processes -- Integrating a differential equation with a weak* continuous vector field -- On asymptotic integration -- Existence globale des solutions de quelques problemes aux limites -- Singular perturbation problems for a class of singular partial differential equations -- On the limit-n classification of ordinary differential operators with positive coefficients -- On the non-

convergence of successive approximations in the theory of ordinary differential equations -- Comments on nonlinear elasticity and stability -- A Mikusinski calculus for the Bessel operator B ? -- An oscillation theory for fourth order differential equations -- Pointwise error bounds for the eigenfunctions of one-dimensional Schrödinger operators -- Stability of shock waves -- Remarks on L^2 solutions -- Regularly varying functions and differential equations -- Projection methods for linear and nonlinear systems of partial differential equations -- New results on strongly coupled systems of parabolic differential equations -- On a nonlinear diffusion equation arising in population genetics -- A generalization of the Flaschka-Leitman theorem -- Hilbert's projective metric applied to a class of positive operators -- A limit-point criterion for $(p(y))' + qy$ -- Nonsymmetric Dirac distributions in scattering theory -- A maximum principle for a class of functionals in nonlinear Dirichlet problems -- Global methods for the construction of convergent sequences of bounds for systems of ordinary initial value problems -- Bifurcation from a multiple eigenvalue -- Another approach to the Dirichlet problem for very strongly nonlinear elliptic equations -- Global estimates for non-linear wave equations and linear wave equations with non-linear boundary constraints -- Difference approximations for some pseudodifferential equations in \mathbb{R}^n -- Remarks to Galerkin and least squares methods with finite elements for general elliptic problems -- Boundary-value problems with discontinuous non-linearities -- On an elliptic singular perturbation problem -- Über die Existenz von Lösungen der Differentialgleichung $u' = f(u)$ in einer abgeschlossenen Menge, wenn f eine k -Mengenkontraktion ist -- Bemerkungen zur Verwendung der Pfaffschen Formen bei der Definition der absoluten Temperatur nach Carathéodory -- On the eigenvalues of linear autonomous differential delay equations -- An explicit St. Venant's principle in three-dimensional elasticity -- Trace class methods for scattering in a homogeneous electro-static field -- Eigenvalue problems for free vibrations of rectangular elastic plates with random inhomogeneities -- Limit point conditions for powers -- Addendum to "limit point conditions for powers".
